

## ABSTRACT

An inventory management method or system for controlling amounts of stocks is provided. The method comprises the steps of: storing delivery times and quantities of order lots accepted and restock lead times predetermined every item in a storage; selecting at least one order lot accepted, having a delivery time within a period from "b" days before to "a" days after a basic time, from said order lots accepted, to set a threshold value  $x+y\sigma_1$  (where  $y \geq 0$ ) based upon both an average  $x$  and a standard deviation  $\sigma_1$  of quantities of said selected order lot accepted; classifying at least one order lot accepted having a quantity  $\alpha$  of the selected order lot accepted as a normal accepted order lot, wherein the  $\alpha$  is less than or equal to said threshold value and classifying at least one order lot accepted having a quantity  $\alpha$  of the selected order lot accepted as a special accepted order lot, wherein the  $\alpha$  is greater than said threshold value; and calculating a basic stock using a predetermined formula from said classified normal order lot accepted.